# Eric Xie

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#### **EDUCATION**

# University of California, Santa Cruz

Georgetown, TX

Bachelor of Science in Computer Engineering - GPA: 3.58

Aug. 2020 - May 2024

 Coursework: Principles of Computer Systems Design, Full Stack Web Development, Computational Models, Introduction to Data Structures and Algorithms

### EXPERIENCE

#### Library Assistance (Intern)

November 2019 - March 2020

San Francisco Public Library

San Francisco, CA

• Coordinated with staff to organize and supervise 15+ community events for all ages

#### **PROJECTS**

Full-Stack Email Manager | Express, JavaScript, CSS, HTML, React, MUI, PostgreSQL

July 2022

- Developed a full-stack email client that holds data for multiple users
- Front-end was created using React and MUI
- Back-end was created using Express, OpenAPI, and PostgreSQL
- Features implemented include login, search bar, creating and reading emails with favorites and flags

Portfolio | React, JavaScript, HTML, and CSS

October 2022

- Developed a responsive single page web application
- Hosted on GitHub pages displaying my projects
- Clean adaptable user interface with consistent experience on mobile and desktop

 $\mathbf{HTTP} \ \mathbf{Server} \mid C$  November 2022

- Developed a multi-threaded http server
- Handling synchronization and shared data structures using the pthreads library
- Experience parsing http requests and managing thread safe operations

## TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, HTML/CSS

Frameworks: React, Node.js, Material-UI Developer Tools: Git, Docker, VS Code

Soft Skills: Adaptability, Creativity, Organizational, Critical thinking